

Insert
a91

Claims

1. Vehicle door, consisting of an interior shell (12) and a respective exterior shell (14) defining an interior space (26) of a door and further contains a frame structure (10); the lateral surfaces of the frame structure (10) are covered by at least one of the interior shell (12) and the respective exterior shell (14), characterized in that the frame structure (10) contains a profile bar (10A), forming at least part of a U-shaped structure as viewed from the side and opening towards an outer edge of the vehicle door and that said profile bar (10A) is provided with guide elements (16) for a window-regulator arrangement.
2. Vehicle door, in accordance with Claim 1, characterized in that said U-shaped structure is provided with a window-operating motor (18) or another window drive or adapted to receive such motor or drive.
3. Vehicle door, in accordance with Claim 2, characterized in that in the guide elements (16), drive cables, especially pressure and traction elements (20) of the window-regulator arrangement are integrated; said profile bar (10A) joins said motor or drive to a window pane (22) via said profile bar.
4. Vehicle door, in accordance with anyone of the Claims 1 to 3, characterized in that a raisable/lowerable window pane (22) is provided with coupling members (24) gripping into the guide elements (16).
5. Vehicle door, in accordance with Claim 4, characterized in that the coupling member (24) is glued to a window pane (22) of the door.

6. Vehicle door, in accordance with Claim 4 or 5, characterized in that the coupling member (24) is formed to match with the window-regulator guide elements (16).
- 5 7. Vehicle door, in accordance with one of Claims 1 to 6, characterized in that several guide elements (16) are provided in an approximately parallel arrangement in said profile bar (10A) and serve to accommodate the drive elements of a raisable and lowerable window pane (22).
- 10 8. Vehicle door with window-regulator arrangement, in accordance with one of the Claims 1 to 7, characterized in that a window pane can be vertically raised and lowered as well as laterally moved, particularly into a closing position aligned with the exterior panel, and can be moved out of same into a raising and lowering position.
- 15 9. Vehicle door, in accordance with anyone of the Claims 1 to 8, characterized in that said profile bar (10A) consists of aluminum.
- 20 10. Vehicle door, in accordance with anyone of the Claims 1 to 9, characterized in that the same profiles which form the profile bar (10A) are provided on the side of the vehicle door as a support structure of the A-, B- and/or C-column.
- 25 11. Vehicle door, in accordance with anyone of the Claims 1 to 10, characterized in that said frame structure (10) is planked on both of its inner and outer surfaces by said inner shell (12) and said exterior shell (14) respectively.

add
Q10
add
Q11

add
B2